

De Gull Wing

Two Dollars

"FOR MEMBERS ONLY"

November • December

Volume 3, Number 3

Introducing . . .

The Exclusive Artwork and Unique Design of "Serg.O"



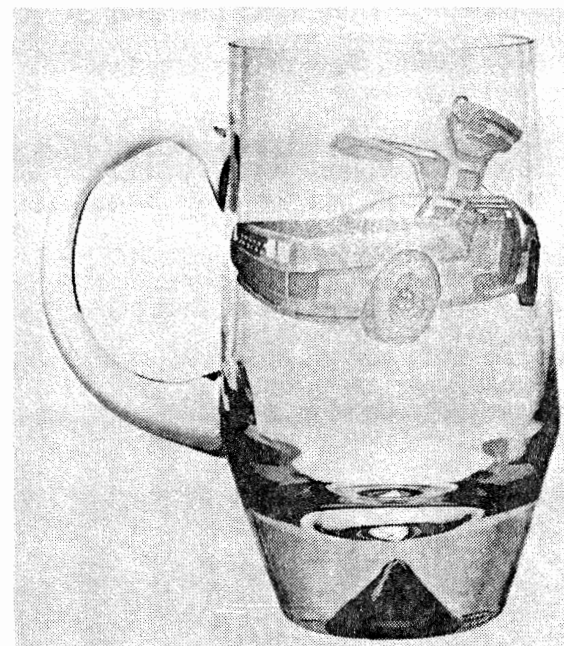
We, at the DeLorean Motor Club of America, Inc, take great pride in offering to our members the artwork and designs you see featured in this issue of the De Gull Wing.

The designs shown on this beautiful crystal and glassware are engraved in two, three and four cuts. This style of engraving captures the design in depth and brings it to life.

The DeLorean car is available on ALL

of the glassware shown. You may also be interested in the glassware as it appears or you may have your own PERSONAL DESIGN or COMPANY LOGO engraved either into the crystal or fine glass.

This is a rare opportunity we are making available to you. You will not find this beautiful workmanship offered in any retail stores at these prices. These items make a great gift to family and friends. They also make an elegant ad-



dition to your DeLorean artifact collection.

(If ordering a personal design or company logo, please include a picture of it)

OOPS!!!

The last issue of the De Gull Wing was marked incorrectly. The correct Vol. Number 3, Number 2 was labeled Vol. Number 1, Number 9.

DE LOREAN MOTOR CLUB • STRONGER THAN EVER
MEMBERSHIP MAKES THE DIFFERENCE!

Understanding Your DeLorean Fuel System

DeLoreans are equipped with a Bosch K-Jetronic fuel injection system. The K-Jetronic system ensures a lower pollutant level in the exhaust gas, high performance and increased fuel economy. This form of fuel induction by means of manifold injection permits the optimum adaptation of the air-fuel mixture to every operating phase of the engine. (Technical Owners Guide page 134).

PRIMARY PRESSURE CIRCUIT: An electric fuel pump (2) runs constantly during cranking and when the engine is running. It supplies fuel to the lower chambers of the fuel distributor. Any fuel that is not used, returns to the fuel tank by passing through the primary pressure regulator.

The primary pressure regulator controls main line fuel pressure. If the main line pressure forces the regulator open. This allows fuel to return to the tank, Maintaining a constant main line pressure. This return of fuel which has become heated is also the cause of the fuel pump hum described in Vol. 2, No. 7 of your *De Gull Wing*. If the primary pressure decreases, the pressure regulator will close by opposing spring tension and restrict the amount of fuel returning to the tank. The movement of this regulator valve will maintain constant

main line pressure and the distributor lower chamber pressure regardless of engine fuel requirements or voltage fluctuations at the fuel pump. Main line pressure is regulated at approximately 75 PSI. The pump continuously circulates about 29 gallons of fuel per hour through the system. The fuel accumulator (3) will charge during the first seconds of operation. This charging process will dampen initial fuel pump surge. When the engine is shut down, several check valves close throughout the system and prevent fuel from returning to the tank. The accumulator maintains pressure in the fuel system to prevent fuel vaporization while the vehicle is not in use.

The **FUEL ACCUMULATOR** keeps the fuel system under pressure when the ignition and pump are not working to enable easier starts of the engine. The accumulator is mounted inside the rear section of the frame backbone.

The **FUEL DISTRIBUTOR** determines the necessary volume of fuel delivered each injector. Inside the **FUEL DISTRIBUTOR** the **PRIMARY PRESSURE REGULATOR** controls the primary or main line fuel pressure in the system. The **CONTROL PRESSURE REGULATOR** provides fuel enrichment during warm up and cold acceleration.

The regulator is mounted on the left valve cover. The **AIR FLOW SENSOR** measures the amount of air entering the engine. The **COLD START VALVE** and **THERMO-TIME SWITCH** combine to form the **COLD START CIRCUIT**. The cold start circuit provides a richer fuel mixture to facilitate starting a cold engine. The circuit operates only when the engine temperature is below plus 35 degrees centigrade (95 degrees fahrenheit) and during the cranking process. The **THERMO-TIME SWITCH** regulates the **COLD START VALVE** injection time in relation to coolant temperature. When the coolant temperature is below approximately plus 35 degrees centigrade (95 degrees fahrenheit) the bimetal arm will bend enough to close the contact points. The closed contact points will provide a ground for the cold start valve energizing the electromagnet and injecting additional fuel to the engine while it is being cranked. During cranking, voltage is also applied to the heating element in the thermo-time switch. The heating element will warm the bimetal arm and open the contact points to prevent excessive cold start injection (flooding).

All of the above mentioned parts are readily available through DMCA. Should you have any questions please call us for assistance.

Check Your Anti-Freeze Thermostat for Winter Operation

Remember for winter operation, your DeLorean should have an anti-freeze concentration of 50 percent ethylene glycol (borax free). Double check, or replace your thermostat if you believe it to be malfunctioning. Thermostat begins to open at 85 degrees centigrade (185 degrees fahrenheit) and should be fully opened at 100 degrees centigrade (212 degrees fahrenheit). If you live in a cold climate go to a 90 degree centigrade (195 degrees fahrenheit) thermostat during the winter operation only.

Gear Ratio Controversy

Some DeLorean owners still believe there are two Final Drive gear ratios in the transaxle. One for the automatics and a different one for the 5-speeds. Totally UNTRUE!! The one and only gear ratio for the DeLorean rear end is 3.44:1.

F. Y. I. Transmission Gear Ratios

Manual 1st 3.36 2nd 2.06 3rd 1.38 4th 1.06 5th .82 reverse 3.18

Automatic 1st 2.40 2nd 1.48 3rd 1.0 reverse 1.92

Parts!Parts!Parts!

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DeLorean Owners! Did you know that the *DeLorean Motor Club of America, Inc.* can provide its club members with all DeLorean parts for their cars. We can even supply parts which are not listed on our usual order forms. To make parts identification and selection easier, the club offers a *Technical Guide* and a *Parts Manual* to its members. The *Technical Guide* is \$45.00 and the *Parts Manual* is \$35.00. Both of these manuals will prove to be a very helpful tool to any DeLorean Owner.

DeLorean Motor Club of America, Inc.

Letters to de Editor

"...My left front speaker doesn't have a wire going to it. Do you suppose it was forgotten"

Jim Edwards

Dear Jim,
Your problem is not as unique as you think. Some DeLorean owners still don't realize they have 4 speakers, 2 front and 2 rear, in their cars. With the outside ring on the right hand station selector of the radio (Craig Model) one should be able to balance the speakers front and rear (sorry, no left or right balance was available although it really wasn't necessary). Each speaker should have 2 wires to it. Probability is if you do hook the speaker up properly you'll probably find the speaker defective as it was easier to cut a wire then replace a speaker once the dash was installed at the factory. Some of you will also find wires that just barely make the connection and keep pulling out of the connector. That can easily be rectified by splicing the wire and reconnecting it to the problem speaker.

de Editor

"...I have a loose wire under left hand side of dash, looks like it should hook to something----- (How's that for a shot in the dark). The wire is purple with a white stripe."

Jim Edwards

Dear Jim,
The 2 door switches on the drivers door each have 2 wires going to them. The top switch has a purple with blue stripe wire and a black. The bottom switch has a purple with blue stripe as well as the wire you are describing, a purple with a white stripe. It's possible the connector was broken off. Check the switch, if it is broken, let us know, we can replace it.

de Editor

"...My doors don't open all the way in cold weather. Should I replace the gas struts"

Bill Morgan

Dear Bill,
Although after 2-3 years struts can fail, a simple adjustment on your doors torsion bars should make all the difference in the world.

de Editor

Fix Fax

FUEL TANK BAFFLES: A "VANISHING BREED"

If your DeLorean tends to stutter, stall or die when you enter into a hard right or left-hand turn, chances are the problem is due to a totally or partially dissolved fuel tank baffle. If so, this condition will be especially noticeable when you are running on less than a 1/4 of a tank of gasoline.

All DeLoreans up to V.I.N. 4782 were fitted with plastic fuel tank baffles that had a particular quirk--they dissolve in gasoline!

After V.I.N. 4782, a different plastic baffle was installed to correct the problem. Unfortunately, the new unit had very little testing time on it, so the possibility exists that all DeLoreans could develop the same "baffling" problem.

If you suspect that your DeLorean has a dissolved or dissolving fuel tank baffle, be sure to inspect your vehicle for damage and install a new fuel tank baffle, if necessary, according to the following guidelines:

1. Make sure the fuel tank is near empty (1/4 tank or less).

2. Remove the spare tire.
3. Disengage the large hose clamp.
4. Remove the fuel pump, cover seal and seal ring to access the fuel tank.
5. Identify the baffle--it is a round rigid plastic doughnut about 4" tall on the bottom of the intake portion of the gas tank.
6. Inspect the baffle: if it isn't obviously deteriorated or missing, check its surface for firmness; it should not be soft or rubbery.
7. Remove the mounting nut, washer, fuel hose and clip, spring retainers and edge clip.
8. Withdraw and discard the defective baffle; installation is the exact reverse of removal.

A dissolving fuel tank baffle can play havoc with your DeLorean's fuel system, so be sure to replace it if you find that the original unit is defective. A new baffle is available to DMCA MEMBERS for only \$14.00 plus shipping.

A detailed description of fuel tank baffle installation was printed in the July/Aug issue of *De Gull Wing*. In addition, the DMCA Parts Catalog Section 2, Sub-section 1, Group 0 shows an excellent illustration of this assembly.

DATA

De Gull Wing is published by DeLorean Motor Club of America, Inc., P.O. Box 2556, Hunt, Bch., CA 92647. Subscription is part of DMCA membership dues and is mailed only to paid members. Member communications regarding address changes or chapter information should be addressed to the Executive Secretary at the above DMCA address.

Manuscripts, photographs and art will not be returned unless accompanied by a stamped, self-addressed envelope bearing sufficient postage. Photographs should be 8-inch by 10-inch glossy black and white. Manuscripts must be typewritten to be considered, and should be doubled spaced on one side only. Articles of a technical nature are especially popular but ALL articles will be given equal importance.

DISCLAIMER

While it is a primary service of the DeLorean Motor Club of America, Inc. to disseminate technical information, any maintenance technique or possible modification published in *De Gull Wing* should be weighed against conventional, traditional, and generally-accepted techniques and modifications. *De Gull Wing* should not be considered the authority on maintaining or improving DeLoreans and the views expressed are those of the author of an article or person quoted. Although research has preceded each article, the mention of a product, service or procedure herein does not constitute endorsement of it by the Club, its officers, employees, or *De Gull Wing*. Prudent owners should consider possible techniques or modifications in light of common sense compromises among economy, longevity, performance, reliability, driveability, legality, and resale value. Any modifications possibly affecting emissions or safety are the sole responsibility of the person performing them and when such possible modifications are presented in *De Gull Wing*, it is with the understanding that they will be used for racing **AND NOT** on public highways. It is also incumbent upon the owner of a DeLorean to consider the effect of any changes in his vehicle upon any warranty in force before undertaking any technique or modification. Failure to do so could result in denial of warranty coverage by DeLorean Motor Company. This publication and this organization **WILL NOT ASSUME LIABILITY** on any such consequences.

De Gull Wing will publish two short (40 words or less) free classified advertisements for members in a calendar year. Additional ads and those ads placed by non-members must be accompanied by \$50 each. Ads in excess of 40 words will be subject to editing. Include membership number and complete name and address with your ad. Mail to: ADS-DMCA, P.O. Box 2556, Huntington Beach, California 92647.

For display advertising rates call Tuesday or Thursday only, 10:00 a.m. to 3:00 p.m. at (714) 847-9940. Collect calls will not be accepted.

For Sale 1981 DeLorean. 5000 miles, like new. Gray interior with custom car cover and owners manual. \$22,000 or best offer. Call Dr. Carl Cortese (309) 828-2555 after 7:00 p.m., (309) 663-2306 during the day.

For Sale 1981 DeLorean. 5000 miles, like new. Gray leather interior. Automatic \$19,500 Call (504) 689-2152 or (504) 367-0121, original owner.

For Sale 1982 DeLorean. Vin No. 831. One owner gray interior, 5 speed. 13,500 miles. No bugs. Excellent condition. All Manuals. \$18,900. Call (612) 423-5037.

Trade Have 1981 DeLorean automatic would like to trade parts for 5 speed change over, also have \$7,000 parts inventory. Call (513) 335-3671 after 5:00 p.m. Eastern Standard Time.

Huntington Harbour Realtor Broker specializing in Harbour Property and Investments. For Prompt Personal Service call or write: Rose L. Lewis, Lewis Realty, 4037 Mistral Dr., Huntington Beach, California 92649, Ph. (714) 846-8414 or 846-8086.

For Sale 1981 DeLorean. 11,515 miles. Serial No. 2CEDT26T8BD004238. \$17,500. Call Rick Shoeder or Randy Teske at Shoeder's Ford-Mercury Inc., Merrill, WI. 54452 (715) 536-4542.

For Sale BD-5 Aircraft. Flown 5 hours. Being sold less engine at \$17,000 or will trade for DeLorean with automatic. Call Phil (203) 666-1800.

For Sale 1981 DeLorean chassis, from burnt car, not damaged. Call for details and price. (619) 659-4621

For Sale Front tire only. Goodyear NCT 9000 miles. \$45.00. Evenings (619) 242-2864.

For Sale 1982 DeLorean--auto--low mileage, like new--\$20,000, a c a m f m cassette radio. Phone (213) 938-5536 ask for John Sullivan or Chiyoko.

DeLorean Motor Club of America, Inc.
Post Office Box 2556
Huntington Beach, California 92647
(714) 847-9940
Volume 3, Number 3

Quantity	Item	ORDER FORM	Cost	Amount
_____	A. 9" Crystal Plate with stand	_____	\$ 35.00	_____
_____	A. 11" Crystal Plate with stand	_____	\$ 38.00	_____
_____	A. 13" Crystal Plate with stand	_____	\$ 42.00	_____
_____	B. Champagne Glasses (pair)	_____	\$ 38.00	_____
_____	C. Champagne Cooler	_____	\$ 65.00	_____
_____	D. Wine Glasses with Carafe (M) 2	_____	\$ 40.00	_____
_____	D. Wine Glasses with Carafe (M) 4	_____	\$ 50.00	_____
_____	D. Wine Glasses with Carafe (M) 6	_____	\$ 60.00	_____
_____	E. 24 oz. Iced Tea Glasses (each)	_____	\$ 12.00	_____
_____	E. 24 oz. Iced Tea Glasses Set of 12	_____	\$112.00	_____
_____	F. Colony Glass Shop Mug 22 oz.	_____	\$ 26.00	_____
_____	G. Angel Crystal Bell	_____	\$ 32.00	_____
_____	H. 20 oz. Beer/Coffee Mug	_____	\$ 15.00	_____
_____	I. 22 oz. Crystal Mug (DeLorean Shown)	_____	\$ 26.00	_____
_____	J. Round Crystal Bowl	_____	\$ 64.00	_____
_____	K. 9.5 oz. Coffee Mug	_____	\$ 12.00	_____
_____	L. 9" Plate, Cup and Saucer	_____	\$ 40.00	_____

First and Last Names or Initials can be engraved on each item for an additional .50 per letter.

Name for engraving: _____ No. of letters _____ X .50 _____

(Note: Remember to send a copy of your design or company logo for personalized items).

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